UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,847,432 B2
DATED : January 25, 2005
INVENTOR(S) : Yuichi Osakabe et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7,
Line 18, "glass" should read -- glass **3** --.

Column 8,
Line 56, "the X" should read -- the X, --

Column 9,
Line 42, "substate W." should read -- substrate W. --.

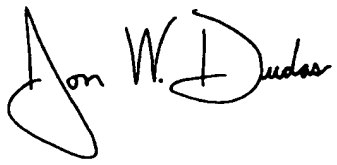
Column 10,
Line 37, "is as" should read -- are as --.

Column 11,
Line 34, "is as" should read -- are as --.

Column 14,
Line 33, "user" should read -- use --.

Signed and Sealed this

Nineteenth Day of July, 2005



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Director of the United States Patent and Trademark Office